

5.0 MULTI-PARTY AGREEMENTS



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



December 30, 2002

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

Currently the Remediation Design and Implementation Schedule (RDIS) (November 2002) shows an enforceable milestone date of January 9, 2003, for the delivery of the Draft Design Scope of Work (DDSOW) for the Shell Disposal Trenches Remediation - Cover Project. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting the milestone date be extended to March 10, 2003. The request is due to a variety of circumstances that include both resource and funding availability. Funding was not made available to the Rocky Mountain Arsenal early enough to allow for a timely Task Order award to the Program Management Contractor (originally scheduled for November 19, 2002 - awarded December 18, 2002). Additionally, this design was originally scheduled based on planned resource availability. The actual execution of this remedy is not planned until Fiscal Year 2007; therefore, this delay will not impact the current schedule for remedy implementation.

A new design schedule will be included in the DDSOW package and will reestablish an enforceable milestone date for the Draft Final (95 Percent) Design Package.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Rocky Mountain Arsenal, DAIM-BO-A-RM-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.

e. Mr. Mark Thomson, Washington Group, P.O. Box 1717,
Commerce City, Colorado 80022.

f. Mr. Thomas F. Cope, Holme Roberts and Owens, 1700 Lincoln Street,
Suite 4100, Denver, Colorado 80203.

g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal,
Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division,
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748.

The point of contact on this matter is Mr. James L. Green at 303-289-0412.

Sincerely,


Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



DAIM-BO-A-RM-RE

30 December 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 300, Denver, Colorado 80202-2405

SUBJECT: Extension on the Draft Design Scope of Work for the Shell Disposal Trenches
Remediation - Cover Project

1. Currently the Remediation Design and Implementation Schedule (RDIS) (November 2002) shows an enforceable milestone date of January 9, 2003, for the delivery of the Draft Design Scope of Work (DDSOW) for the Shell Disposal Trenches Remediation - Cover Project. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting the milestone date be extended to 10 March 2003. The request is due to a variety of circumstances that include both resource and funding availability. Funding was not made available to the Rocky Mountain Arsenal early enough to allow for a timely Task Order award to the Program Management Contractor (originally scheduled for 19 November 2002 – awarded 18 December 2002). Additionally, this design was originally scheduled based on planned resource availability. The actual execution of this remedy is not planned until Fiscal Year 2007; therefore, this delay will not impact the current schedule for remedy implementation.
2. A new design schedule will be included in the DDSOW package and will reestablish an enforceable milestone date for the Draft Final (95 Percent) Design Package.
3. The point of contact on this matter is Mr. James L. Green at 303-289-0412.

Bruce M Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator



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December 30, 2002

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

Currently the Remediation Design and Implementation Schedule (RDIS) (November 2002) shows an enforceable milestone date of January 9, 2003, for the delivery of the Draft Design Scope of Work (DDSOW) for the Complex (Army) Trenches Remediation - Cover Project. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting the milestone date be extended to March 10, 2003. The request is due to a variety of circumstances that include both resource and funding availability. Funding was not made available to the Rocky Mountain Arsenal early enough to allow for a timely Task Order award to the Program Management Contractor (originally scheduled for November 19, 2002 - awarded December 18, 2002). Additionally, this design was originally scheduled based on planned resource availability. The actual execution of this remedy is not planned until Fiscal Year 2007; therefore, this delay will not impact the current schedule for remedy implementation.

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- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.

e. Mr. Mark Thomson, Washington Group, P.O. Box 1717,
Commerce City, Colorado 80022.

f. Mr. Thomas F. Cope, Holme Roberts and Owens, 1700 Lincoln Street,
Suite 4100, Denver, Colorado 80203.

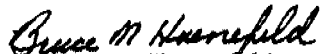
g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal,
Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division,
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),
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The point of contact on this matter is Mr. James L. Green at 303-289-0412.

Sincerely,


Bruce M. Huenefeld

RMA Committee Coordinator



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BASE REALIGNMENT AND CLOSURE
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COMMERCE CITY, CO 80022-1748



DAIM-BO-A-RM-RE

30 December 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 300, Denver, Colorado 80202-2405

SUBJECT: Extension for the Draft Design Scope of Work for the Complex (Army) Trenches
Remediation - Cover Project

1. Currently the Remediation Design and Implementation Schedule (RDIS) (November 2002) shows an enforceable milestone date of 9 January 2003, for the delivery of the Draft Design Scope of Work (DDSOW) for the Complex (Army) Trenches Remediation - Cover Project. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting the milestone date be extended to 10 March 2003. The request is due to a variety of circumstances that include both resource and funding availability. Funding was not made available to the Rocky Mountain Arsenal early enough to allow for a timely Task Order award to the Program Management Contractor (originally scheduled for 19 November 2002 – awarded 18 December 2002). Additionally, this design was originally scheduled based on planned resource availability. The actual execution of this remedy is not planned until Fiscal Year 2007; therefore, this delay will not impact the current schedule for remedy implementation.
2. A new design schedule will be included in the DDSOW package and will reestablish an enforceable milestone date for the Draft Final (95 Percent) Design Package.
3. The point of contact on this matter is Mr. James L. Green at 303-289-0412.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

DAIM-BO-A-RM-RE

SUBJECT: Extension for the Draft Design Scope of Work for the Complex (Army) Trenches
Remediation - Cover Project

CF:

Rocky Mountain Arsenal, (DAIM-BO-A-RM-CL/Major M. Weslyn Erickson),
Chief Counsel, Commerce City, Colorado 80022-1748)

Pacific Western Technologies, Ltd, (Mr. James Bush), 605 Parfet Street, Suite 200,
Lakewood, Colorado 80215

Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538,
Commerce City, Colorado 80037

Washington Group, (Mr. Mark Thomson), P.O. Box 1717,
Commerce City, Colorado 80022

Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203

U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal,
Commerce City, Colorado 80022-1748

Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488

Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



December 30, 2002

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

Currently the Remediation Design and Implementation Schedule (RDIS) (November 2002) shows an enforceable milestone date of January 23, 2003, for the delivery of the Draft Design Scope of Work (DDSOW) for the redesign of the Hex Pit Soil Remediation Project. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting the milestone date be extended to February 28, 2003. The Extension is required due to the 30-day extension of the public review of the proposed plan for the Hex Pit Record of Decision (ROD) Amendment. This delay has the overall effect of delaying the submittal of the Final ROD Amendment until February 21, 2003. The DDSOW cannot be submitted for the Regulatory Agencies' review prior to the Final ROD Amendment.

The enforceable milestone date for the 95 Percent Design Package will be reestablished in the design schedule submitted within the DDSOW.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Rocky Mountain Arsenal, DAIM-BO-A-RM-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.



f. Mr. Thomas F. Cope, Holme Roberts and Owens, 1700 Lincoln Street, Suite 4100, Denver, Colorado 80203.

g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center), Commerce City, Colorado 80022-1748.

The point of contact on this matter is Ms Lorri Harper at 303-289-0411.

Sincerely,


Bruce M. Huenefeld

RMA Committee Coordinator



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



DAIM-BO-A-RM-RE

30 December 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 300, Denver, Colorado 80202-2405

SUBJECT: Extension on the Draft Design Scope of Work (DDSOW) for the Redesign of the
Hex Pit Soil Remediation Project.

1. Currently the Remediation Design and Implementation Schedule (RDIS) (November 2002) shows an enforceable milestone date of 23 January 2003, for the delivery of the Draft Design Scope of Work (DDSOW) for the redesign of the Hex Pit Soil Remediation Project. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting the milestone date be extended to 28 February 2003. The Extension is required due to the 30-day extension of the public review of the proposed plan for the Hex Pit Record of Decision (ROD) Amendment. This delay has the overall effect of delaying the submittal of the Final ROD Amendment until 21 February 2003. The DDSOW cannot be submitted for the Regulatory Agencies' review prior to the Final ROD Amendment.
2. The enforceable milestone date for the 95 Percent Design Package will be reestablished in the design schedule submitted within the DDSOW.
3. The point of contact on this matter is Ms Lorri Harper at 303-289-0411.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator



DAIM-BO-A-RM-RE

SUBJECT: Extension on the Draft Design Scope of Work for the Redesign of the Hex Pit Soil Remediation Project

CF:

Rocky Mountain Arsenal, (DAIM-BO-A-RM-CL/Major M. Weslyn Erickson),
Chief Counsel, Commerce City, Colorado 80022-1748)
Pacific Western Technologies, Ltd, (Mr. James Bush), 605 Parfet Street, Suite 200,
Lakewood, Colorado 80215
Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538,
Commerce City, Colorado 80037
Washington Group, (Mr. Mark Thomson), P.O. Box 1717,
Commerce City, Colorado 80022
Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203
U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal,
Commerce City, Colorado 80022-1748
Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488
Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



December 30, 2002

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

Currently the Remediation Design and Implementation Schedule (RDIS) (November 2002) shows an enforceable Implementation Finish milestone date of February 23, 2003, for the North Plants Structure Demolition and Removal Project. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting the milestone date be extended to August 30, 2003. The extension is required due to the requirement to construct the Vapor Containment System for decontamination of chemical agent process equipment and the additional scope to remove over 8,000 linear feet of sanitary sewer line.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Rocky Mountain Arsenal, DAIM-BO-A-RM-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
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- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.
- f. Mr. Thomas F. Cope, Holme Roberts and Owens, 1700 Lincoln Street, Suite 4100, Denver, Colorado 80203.



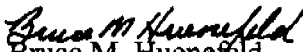
g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center), Commerce City, Colorado 80022-1748.

The point of contact on this matter is Mr. James Green at 303-289-0412.

Sincerely,


Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



DAIM-BO-A-RM-RE

30 December 2002

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 300, Denver, Colorado 80202-2405

SUBJECT: Extension for the North Plants Structure Demolition and Removal Project

1. Currently the Remediation Design and Implementation Schedule (RDIS) (November 2002) shows an enforceable Implementation Finish milestone date of 23 February 2003, for the North Plants Structure Demolition and Removal Project. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting the milestone date be extended to 30 August 2003. The extension is required due to the requirement to construct the Vapor Containment System for decontamination of chemical agent process equipment and the additional scope to remove over 8,000 linear feet of sanitary sewer line.

2. The point of contact on this matter is Mr. James Green at 303-289-0412.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

DAIM-BO-A-RM-RE

SUBJECT: Extension for the North Plants Structure Demolition and Removal Project

CF:

Rocky Mountain Arsenal, (DAIM-BO-A-RM-CL/Major M. Weslyn Erickson),
Chief Counsel, Commerce City, Colorado 80022-1748)

Pacific Western Technologies, Ltd, (Mr. James Bush), 605 Parfet Street, Suite 200,
Lakewood, Colorado 80215

Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538,
Commerce City, Colorado 80037

Washington Group, (Mr. Mark Thomson), P.O. Box 1717,
Commerce City, Colorado 80022

Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203

U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal,
Commerce City, Colorado 80022-1748

Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488

Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



January 9, 2003

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

Currently the Remediation Design and Implementation Schedule (RDIS) (November 2002) shows an enforceable Finish Milestone date of January 17, 2003 for the Burial Trenches Soil Remediation Project. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting the milestone date be extended to March 28, 2003. The extension is required due to the following: larger than anticipated excavations at ESA-2c, BT29-01, BT29-02 and BT32-11; significantly more munitions than anticipated at BT29-01; the decision to backfill BT20-01 with 1 foot of soil instead of 6 inches of soil; and the inclusion of the remediation of the ballast munitions stockpile north of Building 111 into the scope of work.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Rocky Mountain Arsenal, DAIM-BO-A-RM-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.
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g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center), Commerce City, Colorado 80022-1748.

The point of contact on this matter is Mr. James L. Green at 303-289-0412.

Sincerely,

A handwritten signature in cursive script that reads "Bruce M. Huenefeld".

Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



DAIM-BO-A-RM-RE

9 January 2003

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII, Mail Code 8HWM-FF, 999-18th Street, Suite 300, Denver, Colorado 80202-2405

SUBJECT: Extension for the Burial Trenches Soil Remediation Project

1. Currently the Remediation Design and Implementation Schedule (RDIS) (November 2002) shows an enforceable Finish Milestone date of January 17, 2003 for the Burial Trenches Soil Remediation Project. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting the milestone date be extended to March 28, 2003. The extension is required due to the following: larger than anticipated excavations at ESA-2c, BT29-01, BT29-02 and BT32-11; significantly more munitions than anticipated at BT29-01; the decision to backfill BT20-01 with 1 foot of soil instead of 6 inches of soil; and the inclusion of the remediation of the ballast munitions stockpile north of Building 111 into the scope of work.

2. The point of contact on this matter is Mr. James L. Green at 303-289-0412.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

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Pacific Western Technologies, Ltd, (Mr. James Bush), 605 Parfet Street, Suite 200,
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Commerce City, Colorado 80022-1748
Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488
Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
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7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



January 9, 2003

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

Currently the Remediation Design and Implementation Schedule (November 2002) shows an enforceable Implementation Finish milestone date of January 13, 2003 for the Basin F and Basin F Exterior Soil Remediation Project – Part I. In accordance with Paragraph 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting the milestone date be extended to April 11, 2003. The extension is required due to the significant amount of Contingent Soil Volume excavated, delaying the completion of remaining field activities.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Rocky Mountain Arsenal, DAIM-BO-A-RM-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.
- f. Mr. Thomas F. Cope, Holme Roberts and Owens, 1700 Lincoln Street, Suite 4100, Denver, Colorado 80203.
- g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Commerce City, Colorado 80022-1748.



h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division,
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Training Center),
Commerce City, Colorado 80022-1748.

The point of contact on this matter is Ms. Lorri Harper at 303-289-0411.

Sincerely,



Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



DAIM-BO-A-RM-RE

9 January 2003

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 300, Denver, Colorado 80202-2405

SUBJECT: Extension for Basin F and Basin F Exterior Soil Remediation Project – Part I

1. Currently the Remediation Design and Implementation Schedule (November 2002) shows an enforceable Implementation Finish milestone date of January 13, 2003 for the Basin F and Basin F Exterior Soil Remediation Project – Part I. In accordance with Paragraph 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting the milestone date be extended to April 11, 2003. The extension is required due to the significant amount of Contingent Soil Volume excavated, delaying the completion of remaining field activities.

2. The point of contact on this matter is Ms. Lorri Harper at 303-289-0411.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

Rocky Mountain Arsenal, (DAIM-BO-A-RM-CL/Major M. Weslyn Erickson),
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U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal,
Commerce City, Colorado 80022-1748

Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488

Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



February 20, 2003

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

Currently the Remediation Design and Implementation Schedule (November 2002) shows an enforceable Finish Milestone date of May 6, 2003 for the North Plants Soils Remediation Project Draft Design Scope of Work (DSOW). In accordance with Paragraph 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office requests the milestone date be extended to October 15, 2003 with the understanding that the potential Explanation of Significant Difference could be issued in lieu of the Draft DSOW.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Rocky Mountain Arsenal (DAIM-BO-A-RM-CL), Commerce City, Colorado 80022-1748 (w/encl).
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203 (w/encl).
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030 (w/encl 2 copies).
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037 (w/encl).
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022 (w/o encl).
- f. Mr. Thomas F. Cope, Holme Roberts and Owens, 1700 Lincoln Street, Suite 4100, Denver, Colorado 80203 (w/encl).
- g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Commerce City, Colorado 80022-1748 (w/encl).




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h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division,
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488 (w/encl).

i. Rocky Mountain Arsenal, (DAIM-BO-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748 (w/encl).

The point of contact on this matter is Mr. James L. Green at 303-289-0412.

Sincerely,


Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



DAIM-BO-A-RM-RE

20 February 2003

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 300, Denver, Colorado 80202-2405

SUBJECT: Extension for the North Plants Soils Remediation Project Draft Design Scope of
Work (DSOW)

1. Currently the Remediation Design and Implementation Schedule (November 2002) shows an enforceable Finish Milestone date of 6 May 2003 for the North Plants Soils Remediation Project Draft DSOW. In accordance with Paragraph 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office requests the milestone date be extended to 15 October 2003 with the understanding that the potential Explanation of Significant Difference could be issued in lieu of the Draft DSOW.

2. The point of contact on this matter is Mr. James L. Green at 303-289-0412.

Encl

Bruce M Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

Rocky Mountain Arsenal, (DAIM-BO-A-RM-CL/Major M. Weslyn Erickson),
Chief Counsel, Commerce City, Colorado 80022-1748 (wo/encl)
Pacific Western Technologies, Ltd, (Mr. James Bush), 605 Parfet Street, Suite 200,
Lakewood, Colorado 80215 (w/encl)
Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538,
Commerce City, Colorado 80037 (wo/encl)
Washington Group, (Mr. Mark Thomson), P.O. Box 1717,
Commerce City, Colorado 80022 (wo/encl)
Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203 (wo/encl)
U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal,
Commerce City, Colorado 80022-1748 (wo/encl)
Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488 (wo/encl)
Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748 (wo/encl)



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DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



February 25, 2003

Remedy Execution

Ms. Susan Chaki
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Chaki:

The following provides a revised design schedule for the Basin F/Basin F Exterior Soil Remediation Project – Part 2. The revised schedule is proposed to allow information from the Resource Conservation and Recovery Act (RCRA)-Equivalent Test Covers Geotechnical Evaluation to be incorporated into the 60 Percent Design Package.

Under the geotechnical evaluation task, sampling of the test covers, geotechnical testing, and computer modeling to evaluate performance of borrow area soils were completed in January 2003. Results of the task were presented to the Regulatory Agencies on January 22, 2003; however, a final cover soil acceptance zone has not yet been finalized. In accordance with Paragraphs 26.8 – 26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office requests that the 60 Percent Design Package submittal to the agencies, currently scheduled for March 6, 2003, be deferred until May 22, 2003, at which time we anticipate the resultant cover soil material and placement specification and Quality Control/Quality Assurance Plan will be completed. This schedule change would then revise the 95 Percent Design Package submittal from July 3, 2003 to September 25, 2003. The following are the revised design submittal dates:

60 Percent Design Package submittal to Regulatory Agencies	May 22, 2003
95 Percent Design Package submittal to Regulatory Agencies	September 25, 2003
100 Percent Design Package submittal to Regulatory Agencies	February 26, 2004

Copies of this letter were forwarded to:

a. Major M. Weslyn Erickson, Chief Counsel, Rocky Mountain Arsenal, DAIM-BO-A-RM-CL), Commerce City, Colorado 80022-1748.

b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.



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c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210,
Westminster, Colorado 80030.

d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538,
Commerce City, Colorado 80037.

e. Mr. Mark Thomson, Washington Group, P.O. Box 1717,
Commerce City, Colorado 80022.

f. Mr. Thomas F. Cope, Holme Roberts and Owens, 1700 Lincoln Street,
Suite 4100, Denver, Colorado 80203.

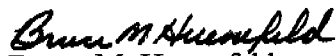
g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal,
Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division,
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748.

The point of contact on this matter is Mr. Lou Greer at 303-853-3951.

Sincerely,



Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



DAIM-BO-A-RM-RE

25 February 2003

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 300, Denver, Colorado 80202-2405

SUBJECT: Revised Design Schedule for the Basin F/Basin F Exterior Soil Remediation Project
- Part 2.

1. The following provides a revised design schedule for the Basin F/Basin F Exterior Soil Remediation Project - Part 2. The revised schedule is proposed to allow information from the Resource Conservation and Recovery Act (RCRA)-Equivalent Test Covers Geotechnical Evaluation to be incorporated into the 60 Percent Design Package.
2. Under the geotechnical evaluation task, sampling of the test covers, geotechnical testing, and computer modeling to evaluate performance of borrow area soils were completed in January 2003. Results of the task were presented to the Regulatory Agencies on 22 January 2003; however, a final cover soil acceptance zone has not yet been finalized. In accordance with Paragraphs 26.8 - 26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office requests that the 60 Percent Design Package submittal to the agencies, currently scheduled for 6 March 2003, be deferred until 22 May 2003, at which time we anticipate the resultant cover soil material and placement specification and Quality Control/Quality Assurance Plan will be completed. This schedule change would then revise the 95 Percent Design Package submittal from 3 July 2003 to 25 September 2003. The following are the revised design submittal dates:

60 Percent Design Package submittal to Regulatory Agencies	22 May 2003
95 Percent Design Package submittal to Regulatory Agencies	25 September 2003
100 Percent Design Package submittal to Regulatory Agencies	26 February 2004

3. The point of contact on this matter is Mr. Lou Greer at 303-853-3951.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator



00030392 10165 - 2

DAIM-BO-A-RM-RE

SUBJECT: Revised Design Schedule for the Basin F/Basin F Exterior Soil Remediation Project
- Part 2.

CF:

Rocky Mountain Arsenal, (DAIM-BO-A-RM-CL/Major M. Weslyn Erickson),
Chief Counsel, Commerce City, Colorado 80022-1748)

Pacific Western Technologies, Ltd, (Mr. James Bush), 605 Parfet Street, Suite 200,
Lakewood, Colorado 80215

Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538,
Commerce City, Colorado 80037

Washington Group, (Mr. Mark Thomson), P.O. Box 1717,
Commerce City, Colorado 80022

Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203

U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal,
Commerce City, Colorado 80022-1748

Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488

Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



February 27, 2003

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

By letter dated December 30, 2002, an enforceable milestone date of February 28, 2003, was established for the delivery of the Draft Design Scope of Work (DDSOW) for the redesign of the Hex Pit Soil Remediation Project. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requests the milestone date be extended to March 31, 2003. It is expected that the Final Record of Decision Amendment will not be approved until early March 2003, and the DDSOW cannot be submitted for the Regulatory Agencies' review prior to this approval.

The enforceable milestone date for the 95 Percent Design Package will be reestablished in the design schedule submitted within the DDSOW.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Rocky Mountain Arsenal (DAIM-BO-A-RM-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.
- f. Mr. Thomas F. Cope, Holme Roberts and Owens, 1700 Lincoln Street, Suite 4100, Denver, Colorado 80203.



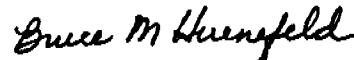
g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Rocky Mountain Arsenal, (DAIM-BO-RM-D/Document Tracking Center), Commerce City, Colorado 80022-1748.

The point of contact on this matter is Ms Lorri Harper at 303-289-0411.

Sincerely,

A handwritten signature in cursive script, reading "Bruce M. Huenefeld".

Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



DAIM-BO-A-RM-RE

27 February 2003

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 300, Denver, Colorado 80202-2405

SUBJECT: Extension on the Hex Pit Soil Remediation Project

1. By letter dated December 30, 2002, an enforceable milestone date of 28 February 2003, was established for the delivery of the Draft Design Scope of Work (DDSOW) for the redesign of the Hex Pit Soil Remediation Project. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requests the milestone date be extended to 31 March 2003. It is expected that the Final Record of Decision Amendment will not be approved until early March 2003, and the DDSOW cannot be submitted for the Regulatory Agencies' review prior to this approval.
2. The enforceable milestone date for the 95 Percent Design Package will be reestablished in the design schedule submitted within the DDSOW.
3. The point of contact on this matter is Ms Lorri Harper at 303-289-0411.

Bruce M Huenefeld

BRUCE M. HUENEFELD
RMA Committee Coordinator



DAIM-BO-A-RM-RE

SUBJECT: Extension on the Hex Pit Soil Remediation Project

CF:

Rocky Mountain Arsenal, (DAIM-BO-A-RM-CL/Major M. Weslyn Erickson),
Chief Counsel, Commerce City, Colorado 80022-1748)

Pacific Western Technologies, Ltd, (Mr. James Bush), 605 Parfet Street, Suite 200,
Lakewood, Colorado 80215

Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538,
Commerce City, Colorado 80037

Washington Group, (Mr. Mark Thomson), P.O. Box 1717,
Commerce City, Colorado 80022

Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203

U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal,
Commerce City, Colorado 80022-1748

Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488

Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



March 4, 2003

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

The 95 Percent Design Package (November 26, 2002) for the Section 36 Balance of Areas Soil Remediation project proposed, an enforceable Implementation Start date of April 1, 2003. Due to significant issues about cover design raised by the Regulatory Agencies additional sampling requirements in support of an Explanation of Significant Differences to delete cover areas, and design package revisions necessary for cover deletion, the 100 Percent Design Package is forecasted to be delayed approximately two months.

The Implementation Start Date will therefore also be delayed, and an enforceable milestone date will be established and presented in the 100 Percent Design Package. The new submittal date for the 100 Percent Design Package is forecasted to be April 10, 2003.

Copies of this letter were forwarded to:

a. Major M. Weslyn Erickson, Chief Counsel, Rocky Mountain Arsenal (DAIM-BO-A-RM-CL), Commerce City, Colorado 80022-1748.

b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.

c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.

d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.

e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.

f. Mr. Thomas F. Cope, Holme Roberts and Owens, 1700 Lincoln Street, Suite 4100, Denver, Colorado 80203.



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g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Rocky Mountain Arsenal, (DAIM-BO-RM-D/Document Tracking Center), Commerce City, Colorado 80022-1748.

The point of contact is Mr. James Green at 303-289-0412.

Sincerely,


Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



DAIM-BO-A-RM-RE

4 March 2003

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII, Mail Code 8HWM-FF, 999-18th Street, Suite 300, Denver, Colorado 80202-2405

SUBJECT: Extension for the Section 36 Balance of Areas Soil Remediation Project

1. The 95 Percent Design Package (26 November 2002) for the Section 36 Balance of Areas Soil Remediation project proposed, an enforceable Implementation Start date of 1 April 2003. Due to significant issues about cover design raised by the Regulatory Agencies additional sampling requirements in support of an Explanation of Significant Differences to delete cover areas, and design package revisions necessary for cover deletion, the 100 Percent Design Package is forecasted to be delayed approximately two months.
2. The Implementation Start Date will therefore also be delayed, and an enforceable milestone date will be established and presented in the 100 Percent Design Package. The new submittal date for the 100 Percent Design Package is forecasted to be 10 April 2003.
3. The point of contact is Mr. James Green at 303-289-0412.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

Rocky Mountain Arsenal, (DAIM-BO-A-RM-CL/Major M. Weslyn Erickson),
Chief Counsel, Commerce City, Colorado 80022-1748)
Pacific Western Technologies, Ltd, (Mr. James Bush), 605 Parfet Street, Suite 200,
Lakewood, Colorado 80215
Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538,
Commerce City, Colorado 80037
Washington Group, (Mr. Mark Thomson), P.O. Box 1717,
Commerce City, Colorado 80022
Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203
U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal,
Commerce City, Colorado 80022-1748
Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488
Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

RECEIVED
5/24/03

Ref: 8EPR-F

May 21, 2003

Mr. Bruce Huenefeld
Office of the Program Manager for RMA
ATTN: AMXRM-E
Rocky Mountain Arsenal
Commerce City, CO 80022-2180

Re: Final Rocky Mountain Arsenal (RMA) Construction
Completion Report for the Irondale Containment
System, Shut-down for the Irondale Extraction System

Dear Mr. Huenefeld:

The Environmental Protection Agency (EPA) has completed review of the "Irondale Containment System, Shut-down for the Irondale Extraction System" Project (Project) Final Construction Completion Report (CCR). The CCR, in compliance with OSWER Directives 9355.0-4B (Remedial Design/Remedial Action Handbook) and 9320.2-09A-P (Close Out Procedures for National Priorities List Sites), documents the remedial action activities which have been accomplished, including:

- Operation of the Project to meet Containment System Remediation Goals listed in the 1996 On-Post Record of Decision (ROD) ;
- Operation of the Project until ROD shut-down criteria were achieved;
- Quarterly monitoring of the Project production and monitoring wells for 5 years to demonstrate that contaminants have not reappeared after shut-down;
- Certification by the Remediation Venture Office (RVO) that the Project has been completed in accordance with the goals established in the ROD;
- Colorado Department of Public Health and Environment (CDPHE) concurrence with the CCR via the enclosed letter.

In addition, continued monitoring will be conducted as part of the RMA-wide Long-Term Monitoring Plan for Groundwater in support of future 5-Year Reviews. Accordingly, EPA approves the CCR as submitted and accepts the "Irondale Containment System, Shut-down for the Irondale Extraction System" Project as complete.

Sincerely,

Terry L. Anderson, Director
Federal Facilities Program



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Enclosure: CDPHE Concurrence Letter



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5/8/03

STATE OF COLORADO

Bill Owens, Governor
Douglas H. Benevento, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S.
Denver, Colorado 80246-1530
Phone (303) 692-2000
TDD Line (303) 691-7700
Located in Glendale, Colorado

Laboratory Services Division
8100 Lowry Blvd.
Denver, Colorado 80230-6928
(303) 692-3090

<http://www.cdphe.state.co.us>



Colorado Department
of Public Health
and Environment

April 25, 2003

Mr. Max Dodson
Assistant Regional Administrator
Office of Ecosystem Protection and Remediation
U.S. EPA Region VIII
999 18th Street, Suite 500
Denver, CO 80202-2405

Re: Rocky Mountain Arsenal, Shutdown for the Irondale Extraction System Construction Completion Report

Dear Mr. Dodson:

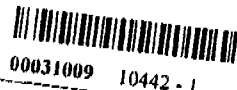
My staff has reviewed the Construction Completion Report for the Rocky Mountain Arsenal, Shutdown for the Irondale Extraction System Construction Completion Report. This report was evaluated for compliance with the objectives described in the Record of Decision, as amended by the Remediation Design and Implementation Schedule, and the shutdown monitoring program for the project. Based upon this evaluation and our observations while the work was being performed, I am pleased to inform you of the State's concurrence with the referenced Construction Completion Report.

Sincerely,

Howard Roitman
Director, Hazardous Materials and
Waste Management Division

cc: Bruce Huenefeld, RMA
Roger Shakely, Shell
Tom Jackson, USF&WS
Jack Lipschultz, DOJ
Maj. Wes Erickson, DoA
Ed LaRock, HMWMD

Laura Williams, EPA
Ken Conright, TCHD
Ginny Brannon, AGO
Mike Malusis, GeoTrans
Barbara Nabors, HMWMD
File RMA 11.5





DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



June 17, 2003

Remedy Execution

Ms. Susan Chaki
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Chaki:

The purpose of this letter is to request a schedule extension for the design of the Shell Disposal Trenches Remediation – Cover project. The current design schedule (as shown in the Draft Design Scope of Work) is as follows:

30 Percent Design Package submittal to Regulatory Agencies
60 Percent Design Package submittal to Regulatory Agencies
95 Percent Design Package submittal to Regulatory Agencies
100 Percent Design Package submittal to Regulatory Agencies

June 27, 2003
October 22, 2003
February 17, 2004*
May 17, 2004

* Denotes Enforceable milestone date.

The strategy for this project's design schedule has been to follow behind the Basin F and Basin F Exterior – Part 2 Design (RCRA-Equivalent Cover Design). This approach will allow the Shell Disposal Trenches RCRA-Equivalent Cover design to incorporate results of negotiated design criteria for Rocky Mountain Arsenal RCRA-Equivalent Cover designs. The Basin F and Basin F Exterior – Part 2 design has experienced difficulties in resolving the design criteria previously mentioned. Accordingly, the Remediation Venture Office (RVO) recommends that the preparation of the Shell Disposal Trenches 60 Percent Design submittal be linked to the completion of the Regulatory Agencies review and comment period for the Basin F and Basin F Exterior – Part 2 95 Percent Design. This change will allow the review and evaluation of the Regulatory Agencies comments and the determination of progress made prior to beginning substantive design efforts on the Shell Disposal Trenches 60 Percent Design submittal.

In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the RVO is requesting approval of the following submittal dates:



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30 Percent Design Package submittal to Regulatory Agencies	August 12, 2003
60 Percent Design Package submittal to Regulatory Agencies	March 25, 2004
95 Percent Design Package submittal to Regulatory Agencies	July 20, 2004*
100 Percent Design Package submittal to Regulatory Agencies	October 19, 2004

* Denotes Enforceable milestone date.

Copies of this letter were forwarded to:

a. Major M. Weslyn Erickson, Chief Counsel, Rocky Mountain Arsenal, DAIM-BO-A-RM-CL), Commerce City, Colorado 80022-1748.

b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.

c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.

d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.

e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.

f. Mr. Thomas F. Cope, Holme Roberts and Owens, 1700 Lincoln Street, Suite 4100, Denver, Colorado 80203.


g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center), Commerce City, Colorado 80022-1748.

The point of contact on this matter is Mr. James Green at 303-289-0412.

Sincerely,


Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



DAIM-BO-A-RM-RE

17 June 2003

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 300, Denver, Colorado 80202-2405

SUBJECT: Milestone Extension Shell Disposal Trenches Remediation – Cover Project

1. The purpose of this letter is to request a schedule extension for the design of the Shell Disposal Trenches Remediation – Cover project. The current design schedule (as shown in the Draft Design Scope of Work) is as follows:

30 Percent Design Package submittal to Regulatory Agencies	27 June 2003
60 Percent Design Package submittal to Regulatory Agencies	22 October 2003
95 Percent Design Package submittal to Regulatory Agencies	17 February 2004*
100 Percent Design Package submittal to Regulatory Agencies	17 May 2004

* Denotes Enforceable milestone date.

2. The strategy for this project's design schedule has been to follow behind the Basin F and Basin F Exterior – Part 2 Design (RCRA-Equivalent Cover Design). This approach will allow the Shell Disposal Trenches RCRA-Equivalent Cover design to incorporate results of negotiated design criteria for Rocky Mountain Arsenal RCRA-Equivalent Cover designs. The Basin F and Basin F Exterior – Part 2 design has experienced difficulties in resolving the design criteria previously mentioned. Accordingly, the Remediation Venture Office (RVO) recommends that the preparation of the Shell Disposal Trenches 60 Percent Design submittal be linked to the completion of the Regulatory Agencies review and comment period for the Basin F and Basin F Exterior – Part 2 95 Percent Design. This change will allow the review and evaluation of the Regulatory Agencies comments and the determination of progress made prior to beginning substantive design efforts on the Shell Disposal Trenches 60 Percent Design submittal.

3. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the RVO is requesting approval of the following submittal dates:



00031238 10534 - 2

DAIM-BO-A-RM-RE

SUBJECT: Milestone Extension Shell Disposal Trenches Remediation – Cover Project

30 Percent Design Package submittal to Regulatory Agencies	12 August 2003
60 Percent Design Package submittal to Regulatory Agencies	25 March 2004
95 Percent Design Package submittal to Regulatory Agencies	20 July 2004*
100 Percent Design Package submittal to Regulatory Agencies	19 October 2004

* Denotes Enforceable milestone date.

4. The point of contact on this matter is Mr. James Green at 303-289-0412.


BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

Rocky Mountain Arsenal, (DAIM-BO-A-RM-CL/Major M. Weslyn Erickson),
Chief Counsel, Commerce City, Colorado 80022-1748)
Pacific Western Technologies, Ltd, (Mr. James Bush), 605 Parfet Street, Suite 200,
Lakewood, Colorado 80215
Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538,
Commerce City, Colorado 80037
Washington Group, (Mr. Mark Thomson), P.O. Box 1717,
Commerce City, Colorado 80022
Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203
U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal,
Commerce City, Colorado 80022-1748
Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488
Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



June 17, 2003

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

This purpose of this letter is to request a schedule extension for the design of the Complex (Army) Disposal Trenches Remediation – Cover project. The current design schedule (as shown in the Draft Design Scope of Work) is as follows:

30 Percent Design Package submittal to Regulatory Agencies	June 27, 2003
60 Percent Design Package submittal to Regulatory Agencies	October 22, 2003
95 Percent Design Package submittal to Regulatory Agencies	February 17, 2004*
100 Percent Design Package submittal to Regulatory Agencies	May 17, 2004
* Denotes Enforceable milestone date.	

The strategy for this project's design schedule has been to follow behind the Basin F and Basin F Exterior – Part 2 Design (RCRA-Equivalent Cover Design). This approach will allow the Complex (Army) Disposal Trenches RCRA-Equivalent Cover design to incorporate results of negotiated design criteria for Rocky Mountain Arsenal (RMA) RCRA-Equivalent Cover designs. The Basin F and Basin F Exterior – Part 2 design has experienced difficulties in resolving the design criteria previously mentioned. Accordingly, the Remediation Venture Office (RVO) recommends that the preparation of the Complex (Army) Disposal Trenches 60 Percent Design submittal be linked to the completion of the Regulatory Agencies review and comment period for the Basin F and Basin F Exterior – Part 2 95 Percent Design. This change will allow the review and evaluation of the Regulatory Agencies comments and the determination of progress made prior to beginning substantive design efforts on the Complex (Army) Disposal Trenches 60 Percent Design submittal.

In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the RVO is requesting approval of the following submittal dates:



00031235 10533 - 1



30 Percent Design Package submittal to Regulatory Agencies	August 12, 2003
60 Percent Design Package submittal to Regulatory Agencies	March 25, 2004
95 Percent Design Package submittal to Regulatory Agencies	July 20, 2004*
100 Percent Design Package submittal to Regulatory Agencies	October 19, 2004


* Denotes Enforceable milestone date.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Rocky Mountain Arsenal, DAIM-BO-A-RM-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.
- f. Mr. Thomas F. Cope, Holme Roberts and Owens, 1700 Lincoln Street, Suite 4100, Denver, Colorado 80203.
- g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Commerce City, Colorado 80022-1748.
- h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division, 4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.
- i. Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center), Commerce City, Colorado 80022-1748.

The point of contact is Mr. James L. Green at 303-289-0412.

Sincerely,


Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



DAIM-BO-A-RM-RE

17 June 2003

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 300, Denver, Colorado 80202-2405

SUBJECT: Milestone Extension Complex (Army) Trenches Remediation - Cover Project

1. This purpose of this letter is to request a schedule extension for the design of the Complex (Army) Disposal Trenches Remediation - Cover project. The current design schedule (as shown in the Draft Design Scope of Work) is as follows:

30 Percent Design Package submittal to Regulatory Agencies	27 June 2003
60 Percent Design Package submittal to Regulatory Agencies	22 October 2003
95 Percent Design Package submittal to Regulatory Agencies	17 February 2004*
100 Percent Design Package submittal to Regulatory Agencies	17 May 2004

* Denotes Enforceable milestone date.

2. The strategy for this project's design schedule has been to follow behind the Basin F and Basin F Exterior - Part 2 Design (RCRA-Equivalent Cover Design). This approach will allow the Complex (Army) Disposal Trenches RCRA-Equivalent Cover design to incorporate results of negotiated design criteria for Rocky Mountain Arsenal (RMA) RCRA-Equivalent Cover designs. The Basin F and Basin F Exterior - Part 2 design has experienced difficulties in resolving the design criteria previously mentioned. Accordingly, the Remediation Venture Office (RVO) recommends that the preparation of the Complex (Army) Disposal Trenches 60 Percent Design submittal be linked to the completion of the Regulatory Agencies review and comment period for the Basin F and Basin F Exterior - Part 2 95 Percent Design. This change will allow the review and evaluation of the Regulatory Agencies comments and the determination of progress made prior to beginning substantive design efforts on the Complex (Army) Disposal Trenches 60 Percent Design submittal.

3. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the RVO is requesting approval of the following submittal dates:

30 Percent Design Package submittal to Regulatory Agencies	12 August 2003
60 Percent Design Package submittal to Regulatory Agencies	25 March 2004
95 Percent Design Package submittal to Regulatory Agencies	20 July 2004*
100 Percent Design Package submittal to Regulatory Agencies	19 October 2004

* Denotes Enforceable milestone date.




00031236 10533 - 2

DAIM-BO-A-RM-RE

SUBJECT: Milestone Extension Complex (Army) Trenches Remediation - Cover Project

4. The point of contact is Mr. James L. Green at 303-289-0412.


BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

Rocky Mountain Arsenal, (DAIM-BO-A-RM-CL/Major M. Weslyn Erickson),
Chief Counsel, Commerce City, Colorado 80022-1748
Pacific Western Technologies, Ltd, (Mr. James Bush), 605 Parfet Street, Suite 200,
Lakewood, Colorado 80215
Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538,
Commerce City, Colorado 80037
Washington Group, (Mr. Mark Thomson), P.O. Box 1717,
Commerce City, Colorado 80022
Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203
U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal,
Commerce City, Colorado 80022-1748
Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488
Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



June 26, 2003

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting that the Hex Pit Soil Remediation Redesign 95 Percent Design Package Milestone Date be extended from July 23, 2003 to August 12, 2003. The reason for the request is that the 30 Percent Design Package was delayed one week to incorporate final boundary area adjustments requested by the Regulatory Agencies. The 95 Percent Design Package milestone date of August 12, 2003 is reflected in the current 30 Percent Design Package. This schedule does not include a 60 Percent Design Package.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Rocky Mountain Arsenal (DAIM-BO-A-RM-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.
- f. Mr. Thomas F. Cope, Holme Roberts and Owens, 1700 Lincoln Street, Suite 4100, Denver, Colorado 80203.
- g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Commerce City, Colorado 80022-1748.



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h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division,
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Rocky Mountain Arsenal, (DAIM-BO-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748.

The point of contact on this matter is Ms Lorri Harper at 303-289-0411.

Sincerely,


Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



DAIM-BO-A-RM-RE

26 June 2003

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 300, Denver, Colorado 80202-2405

SUBJECT: Milestone Extended Hex Pit Soil Remediation Redesign 95 Percent Design Package

1. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting that the Hex Pit Soil Remediation Redesign 95 Percent Design Package Milestone Date be extended from 23 July 2003 to 12 August 2003. The reason for the request is that the 30 Percent Design Package was delayed one week to incorporate final boundary area adjustments requested by the Regulatory Agencies. The 95 Percent Design Package milestone date of 12 August 2003 is reflected in the current 30 Percent Design Package. This schedule does not include a 60 Percent Design Package.

2. The point of contact on this matter is Ms Lorri Harper at 303-289-0411.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

Rocky Mountain Arsenal, (DAIM-BO-A-RM-CL/Major M. Weslyn Erickson),
Chief Counsel, Commerce City, Colorado 80022-1748
Pacific Western Technologies, Ltd, (Mr. James Bush), 605 Parfet Street, Suite 200,
Lakewood, Colorado 80215
Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538,
Commerce City, Colorado 80037
Washington Group, (Mr. Mark Thomson), P.O. Box 1717,
Commerce City, Colorado 80022
Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203
U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal,
Commerce City, Colorado 80022-1748
Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488
Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748



00031295 10556 - 2



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



July 31, 2003

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting that the Hex Pit Soil Remediation Redesign 95 Percent Design Package Milestone Date be extended from August 12, 2003 to August 26, 2003. A requirement for proceeding with the 95 Percent Design Package (skipping the 60 Percent Design Phase) is contingent upon the Regulatory Agencies' approval of the responses to 30 Percent Design comments and incorporation of the results from analysis of the odor flux sampling.

The completed data from the odor flux sampling is expected to be available by August 1, 2003, and a meeting will be scheduled to present the modeling results. Once approval is granted to skip the 60 Percent Design phase, the 95 Percent Design Package can proceed. The milestone submittal date is delayed two weeks to allow for the normal internal review cycle prior to submitting to the Regulatory Agencies.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Rocky Mountain Arsenal (DAIM-BO-A-RM-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.



00031532 10652 - 1

f. Mr. Thomas F. Cope, Holme Roberts and Owens, 1700 Lincoln Street,
Suite 4100, Denver, Colorado 80203.

g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal,
Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division,
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Rocky Mountain Arsenal, (DAIM-BO-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748.

The point of contact on this matter is Ms Lorri Harper at 303-289-0411.

Sincerely,


Bruce M. Huenefeld

RMA Committee Coordinator



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



DAIM-BO-A-RM-RE

31 July 2003

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 300, Denver, Colorado 80202-2405

SUBJECT: Extension on the Hex Pit Soil Remediation Redesign 95 Percent Design Package

1. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting that the Hex Pit Soil Remediation Redesign 95 Percent Design Package Milestone Date be extended from 12 August 2003 to 26 August 2003. A requirement for proceeding with the 95 Percent Design Package (skipping the 60 Percent Design Phase) is contingent upon the Regulatory Agencies' approval of the responses to 30 Percent Design comments and incorporation of the results from analysis of the odor flux sampling.
2. The completed data from the odor flux sampling is expected to be available by 1 August 2003, and a meeting will be scheduled to present the modeling results. Once approval is granted to skip the 60 Percent Design phase, the 95 Percent Design Package can proceed. The milestone submittal date is delayed two weeks to allow for the normal internal review cycle prior to submitting to the Regulatory Agencies.

The point of contact on this matter is Ms Lorri Harper at 303-289-0411.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator



00031533 10652 - 2

DAIM-BO-A-RM-RE

SUBJECT: Extension Hex Pit Soil Remediation Redesign 95 Percent Design Package

CF:

Rocky Mountain Arsenal, (DAIM-BO-A-RM-CL/Major M. Weslyn Erickson),

Chief Counsel, Commerce City, Colorado 80022-1748

Pacific Western Technologies, Ltd, (Mr. James Bush), 605 Parfet Street, Suite 200,

Lakewood, Colorado 80215

Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538,

Commerce City, Colorado 80037

Washington Group, (Mr. Mark Thomson), P.O. Box 1717,

Commerce City, Colorado 80022

Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,

Denver, Colorado 80203

U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal,

Commerce City, Colorado 80022-1748

Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),

4201 East 72nd Avenue, Commerce City, Colorado 80222-1488

Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),

Commerce City, Colorado 80022-1748



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



July 31, 2003

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting that the Section 36 Lime Basins Soil Remediation 95 Percent Design Package Milestone Date be extended from August 27, 2003 to February 12, 2004. The extension request is due to an additional task required to be performed prior to the start of the 60 Percent Design Phase.

During the 30 Percent Design phase a data gap was identified with respect to odor flux measurements of Human Health Exceedance soil and groundwater at the site. This task entails obtaining soil and groundwater samples for odor flux testing within the project boundary. In addition, chemical analyses of groundwater samples will be performed. This information is necessary to recommend specific excavation and odor control techniques to be used during remediation activities.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Rocky Mountain Arsenal (DAIM-BO-A-RM-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.



00031559 10664 - 1

f. Mr. Thomas F. Cope, Holme Roberts and Owens, 1700 Lincoln Street,
Suite 4100, Denver, Colorado 80203.

g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal,
Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division,
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Rocky Mountain Arsenal, (DAIM-BO-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748.

The point of contact on this matter is Ms Lorri Harper at 303-289-0411.

Sincerely,


Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



DAIM-BO-A-RM-RE

31 July 2003

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 300, Denver, Colorado 80202-2405

SUBJECT: Extension Section 36 Lime Basins Soil Remediation 95 Percent Design Package

1. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting that the Section 36 Lime Basins Soil Remediation 95 Percent Design Package Milestone Date be extended from 27 August 2003 to 12 February 2004. The extension request is due to an additional task required to be performed prior to the start of the 60 Percent Design Phase.
2. During the 30 Percent Design phase a data gap was identified with respect to odor flux measurements of Human Health Exceedance soil and groundwater at the site. This task entails obtaining soil and groundwater samples for odor flux testing within the project boundary. In addition, chemical analyses of groundwater samples will be performed. This information is necessary to recommend specific excavation and odor control techniques to be used during remediation activities.
3. The point of contact on this matter is Ms Lorri Harper at 303-289-0411.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator



00031560 10664 - 2

DAIM-BO-A-RM-RE

SUBJECT: Extension Section 36 Lime Basins Soil Remediation 95 Percent Design Package

CF:

Rocky Mountain Arsenal, (DAIM-BO-A-RM-CL/Major M. Weslyn Erickson),

Chief Counsel, Commerce City, Colorado 80022-1748

Pacific Western Technologies, Ltd, (Mr. James Bush), 605 Parfet Street, Suite 200,

Lakewood, Colorado 80215

Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538,

Commerce City, Colorado 80037

Washington Group, (Mr. Mark Thomson), P.O. Box 1717,

Commerce City, Colorado 80022

Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,

Denver, Colorado 80203

U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal,

Commerce City, Colorado 80022-1748

Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),

4201 East 72nd Avenue, Commerce City, Colorado 80222-1488

Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),

Commerce City, Colorado 80022-1748



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



September 9, 2003

Remedy Execution

Ms. Barbara Nabors
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Nabors:

In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting the milestone date (Draft Design Scope of Work) for the North Plants Soil Remediation Project be extended to January 22, 2004, from the current date of October 15, 2003. The extension is needed to define the extent of the diesel plume in the North Plants Soil Remediation footprint and to allow collection of geotechnical data needed for product removal.

Copies of this letter were forwarded to:

- a. Major M. Weslyn Erickson, Chief Counsel, Rocky Mountain Arsenal, DAIM-BO-A-RM-CL), Commerce City, Colorado 80022-1748.
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203.
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030.
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037.
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022.
- f. Mr. Thomas F. Cope, Holme Roberts and Owens, 1700 Lincoln Street, Suite 4100, Denver, Colorado 80203.
- g. Mr. Tom Jackson, U.S. Fish and Wildlife Service, Rocky Mountain Arsenal, Commerce City, Colorado 80022-1748.

h. Mr. Rick Kinshella, Tri-County Department Environmental Health Division,
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488.

i. Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748.

The point of contact on this matter is Mr. James Green at 303-289-0412.

Sincerely,


Bruce M. Huenefeld
RMA Committee Coordinator



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



DAIM-BO-A-RM-RE

9 September 2003

MEMORANDUM FOR U.S. Environmental Protection Agency, (Mr. Kerry Guy), Region VIII,
Mail Code 8HWM-FF, 999-18th Street, Suite 300, Denver, Colorado 80202-2405

SUBJECT: Milestone Extension for the North Plants Soil Remediation Project

1. In accordance with Paragraphs 26.8-26.18 and 34.22 of the Federal Facility Agreement, the Remediation Venture Office is requesting the milestone date (Draft Design Scope of Work) for the North Plants Soil Remediation Project be extended to January 22, 2004, from the current date of October 15, 2003. The extension is needed to define the extent of the diesel plume in the North Plants Soil Remediation footprint and to allow collection of geotechnical data needed for product removal.

2. The point of contact on this matter is Mr. James Green at 303-289-0412.

Bruce M. Huenefeld
BRUCE M. HUENEFELD
RMA Committee Coordinator

CF:

Rocky Mountain Arsenal, (DAIM-BO-A-RM-CL/Major M. Weslyn Erickson),
Chief Counsel, Commerce City, Colorado 80022-1748)

Pacific Western Technologies, Ltd, (Mr. James Bush), 605 Parfet Street, Suite 200,
Lakewood, Colorado 80215

Shell Oil Company, (Mr. Roger B. Shakely), P.O. Box 538,
Commerce City, Colorado 80037

Washington Group, (Mr. Mark Thomson), P.O. Box 1717,
Commerce City, Colorado 80022

Holme Roberts and Owens, (Mr. Thomas F. Cope), 1700 Lincoln Street, Suite 4100,
Denver, Colorado 80203

U.S. Fish and Wildlife Service, (Mr. Tom Jackson), Rocky Mountain Arsenal,
Commerce City, Colorado 80022-1748

Tri-County Department Environmental Health Division, (Mr. Rick Kinshella),
4201 East 72nd Avenue, Commerce City, Colorado 80222-1488

Rocky Mountain Arsenal, (DAIM-BO-A-RM-D/Document Tracking Center),
Commerce City, Colorado 80022-1748



DEPARTMENT OF THE ARMY
BASE REALIGNMENT AND CLOSURE
ROCKY MOUNTAIN ARSENAL
7200 QUEBEC STREET, BUILDING 111
COMMERCE CITY, CO 80022-1748



September 18, 2003

Remedy Execution

Ms. Susan Chaki
Colorado Department of Public
Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Ms. Chaki:

In accordance with Paragraphs 26.8-26.18, and 34.22 of the Federal Facility Agreement, the Remediation Venture Office (RVO) requests a design schedule change for the 95 Percent Design Package for the Basin F/Basin F Exterior Remediation Project - Part 2. The reasons for the schedule change include an extended Regulatory Agency comment period on the 60 Percent Design Package and an Environmental Protection Agency (EPA) request for additional comparative analysis on the grading/drainage aspect of the design. The RVO requests that transmittal of the 95 Percent Design Package be delayed from September 25, 2003, to December 30, 2003. A revised design schedule will be provided in the 95 Percent Design Package.

Copies of this letter were forwarded to:

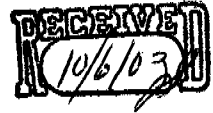
- a. Major M. Weslyn Erickson, Chief Counsel, Rocky Mountain Arsenal (DAIM-BO-A-RM-CL), Commerce City, Colorado 80022-1748 (w/encl).
- b. Ms. Ginny Brannon, Attorney General's Office, CERCLA Litigation Unit, 1525 Sherman Street, 5th Floor, Denver, Colorado 80203 (w/encl).
- c. Mr. Mike Malusis, Geotrans Inc., 9101 Harlan Street, Suite 210, Westminster, Colorado 80030 (w/encl 2 copies).
- d. Mr. Roger B. Shakely, Shell Oil Company, P.O. Box 538, Commerce City, Colorado 80037 (w/encl).
- e. Mr. Mark Thomson, Washington Group, P.O. Box 1717, Commerce City, Colorado 80022 (w/o encl).
- f. Mr. Thomas F. Cope, Holme Roberts and Owens, 1700 Lincoln Street, Suite 4100, Denver, Colorado 80203 (w/encl).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2466



Ref: 8EPR-F
Mr. Bruce Huenefeld
Office of the Program Manager for RMA
ATTN: AMXRM-E
Rocky Mountain Arsenal
Commerce City, CO. 80022-2180

SEP 30 2003

RE: Rocky Mountain Arsenal Administrative Area Asbestos Remediation
Projects Final Construction Completion Report, dated January 14, 2003.

Dear Mr. Huenefeld:

The Environmental Protection Agency (EPA) has completed its review of the *Rocky Mountain Arsenal Administrative Area Asbestos Remediation Projects Final Construction Completion Report* (CCR). This CCR documents the completion of three asbestos-containing material removal projects conducted after the signing of the On-Post Record of Decision. The projects involved the removal of asbestos containing material from the Building 111 Stairwell, Building 383 floor tile, and Building 618 floor tile and mastic.

Based upon EPA's review of the subject document and receipt of the Colorado Department of Public Health and Environment's concurrence letter, dated July 3, 2003 (enclosed), EPA approves the CCR.

Sincerely,

Terry Anderson
Director Federal Facilities Office
Office of Ecosystems Protection and Remediation

Enclosure: CDPHE Concurrence Letter

cc: Barbara Nabors, CDPHE
Ginny Brannon, CO-AG Office
Bruce Huenefeld, PMRMA
Rick Beardslee, PMRMA
Major Wes Erickson, PMRMA
Jack Lipshultz, DOJ
Rick Kinshella, TCHD
Roger Shakely, Shell
Tom Jackson, RVO (all w/encl)



7/10/03
STATE OF COLORADO

Bill Owens, Governor
Douglas H. Benevento, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

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<http://www.cdphe.state.co.us>



Colorado Department
of Public Health
and Environment

July 3, 2003

Kerry Guy
RMA Committee Representative
U.S. Environmental Protection Agency
Region 8
999 18th Street, Suite 300
Denver, CO 80202-2466

RE: Rocky Mountain Arsenal Administrative Area Asbestos Remediation Projects Final Construction Completion Report

Dear Kerry,

I have received the Construction Completion Report (CCR) for the Administrative Area Asbestos Remediation Projects dated January 2003. This CCR documents the completion of three asbestos-containing material removal projects that were conducted after the Asbestos Removal Interim Response Action.

Under past arrangement between the EPA and the Department, EPA assumed the lead role in the regulatory oversight of asbestos remediation at the Rocky Mountain Arsenal. Based upon EPA's assurances, we agree that this document can be referenced in future remedial action reports for the Rocky Mountain Arsenal.

Sincerely,

Barbara Nabors, P.E.
RMA Project Manager
Federal Facilities Program

cc: Bruce Huenefeld, PMRMA
Richard Beardslee, PMRMA

Ginny Brannon, AGO
RMA File #106



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